

Bovine CC Chemokine Receptor 6 ELISA Kit | CCR6 elisa kit

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CATALOG #
AAA247510

REACTIVITY
Bovine

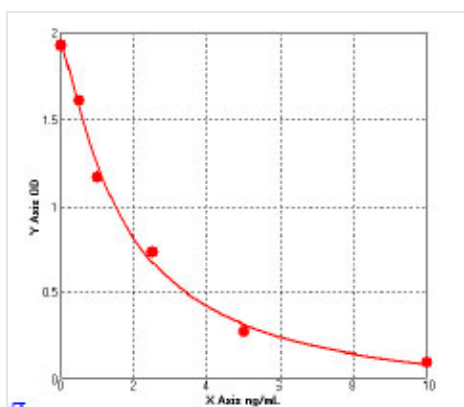
PRODUCT SYNONYMS

CC Chemokine Receptor 6; Bovine CC Chemokine Receptor 6 ELISA Kit; CCR6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of CCR6. No significant cross-reactivity or interference between CCR6 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CCR6 and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	374
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Reactivity Note	No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCR6 elisa kit	Intended Uses: This CCR6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine CCR6. This ELISA kit for research use only! Principle of the Assay: CCR6 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CCR6 antibody and an CCR6-HRP conjugate. The assay sample and buffer are incubated together with CCR6-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CCR6 concentration since CCR6 from samples and CCR6-HRP conjugate compete for the anti-CCR6 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCR6 from the sample, fewer sites are left to bind CCR6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCR6 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CCR6 elisa kit	Immunology; Signal Transduction; Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	37188165
NCBI GeneID	1235
NCBI Accession #	NP_113597.2
NCBI GenBank Nucleotide #	NM_031409.3
UniProt Accession #	P51684; P78553; Q92846; E1P5C6
Molecular Weight	42,494 Da
NCBI Official Full Name	C-C chemokine receptor type 6
NCBI Official Synonym Full Names	C-C motif chemokine receptor 6
NCBI Official Symbol	CCR6
NCBI Official Synonym Symbols	BN-1; DCR2; DRY6; CCR-6; CD196; CKRL3; GPR29; CKR-L3; CMKBR6; GPRCY4; STRL22; CC-CKR-6; C-C CKR-6
NCBI Protein Information	C-C chemokine receptor type 6
UniProt Protein Name	C-C chemokine receptor type 6
UniProt Gene Name	CCR6
UniProt Synonym Gene Names	CKRL3; CMKBR6; GPR29; STRL22; C-C CKR-6; CC-CKR-6; CCR-6; CKR-L3; GPRCY4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.